

YOUR STUDENT IS A
SUSTAINABILITY SUPERSTAR



DID YOU KNOW?

Thanks to the hard work of our students, staff and E=USE² Teams, FCPS has diverted over **\$5 million** from utility providers back into our classrooms.



Your student serves on your school's E=USE² Team (Education leads to Understanding Sustainability, Energy and the Environment) to improve sustainability through STEM-infused monthly energy patrols, data collection analysis, awareness activities and collaborative project-based learning. To hear about what your student is learning, ask questions such as

What is sustainability?

What is renewable vs nonrenewable?

How are your school and city improving sustainability?

Energy Efficiency & Sustainability Tips for Home



If you are going to leave a room for more than 5 minutes, turn the lights off.



If you have an adjustable thermostat, turn the temperature up 1-2 degrees during warm months and down 1-2 degrees during cold months.



Keep your doors and windows shut if your home is being heated or cooled.



Plug appliances and electronics into a power strip that has an on-off switch to eliminate phantom loads. Unplug cell phones and iPads once they are fully charged— they still continue to draw phantom power if they are plugged in!



Keep refrigerator doors closed.



Choose Energy Star equipment when replacing appliances.

GO GREEN + EARN GREEN

Your student helps earn 10% of your school's energy savings towards school supplies through easy student-driven and staff habits. Our schools earned **\$40,000 during the 15-16 school year** through Go Green + Earn Green. See your school's *live energy data* by visiting <http://buildingdashboard.net/fayettecountyps/#/FayetteCountyPS>













DATA CENTRAL

Pounds of recycling collected from schools during 2015: 3,952 lbs


Weekly cost savings through recycling: \$1,161

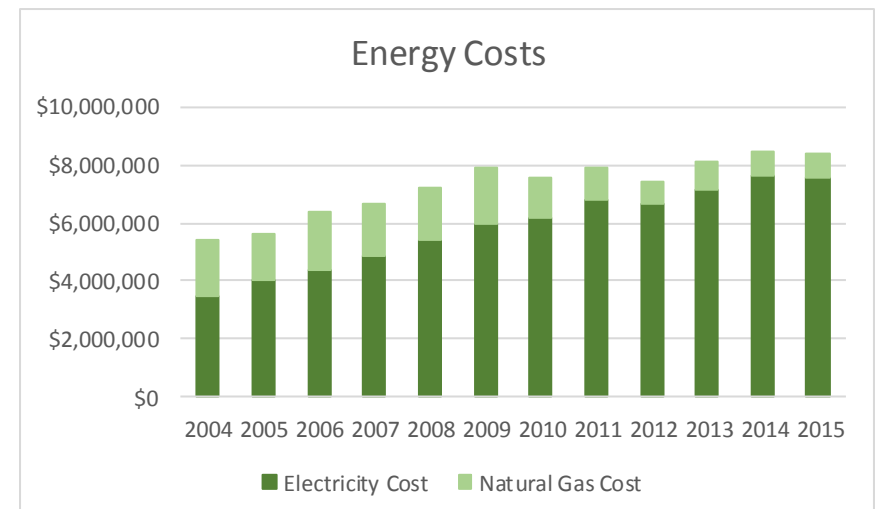
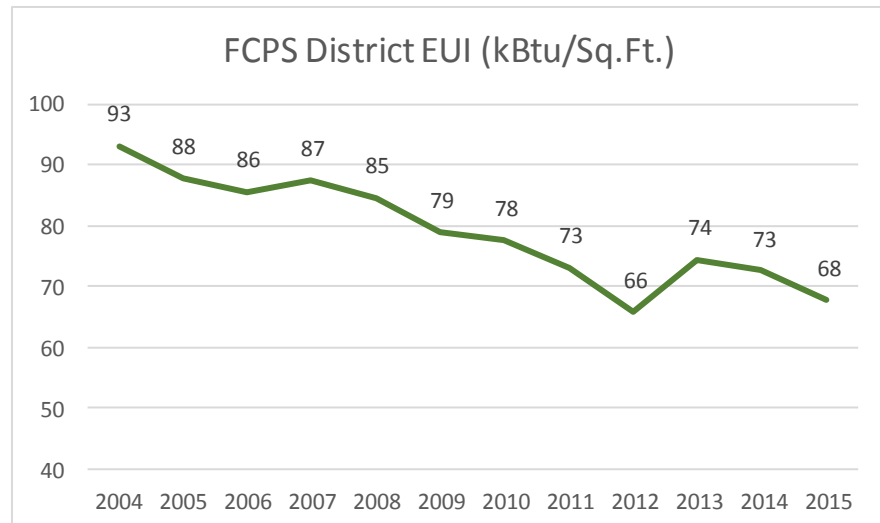
Number of schools

-  With water bottle refilling station: 22
-  With an aquaponics system: 10
-  Student Wellness campaign: 19
-  No Idling program: 9
-  Outdoor Classroom: 45
-  Adopt a Tree program: 8
-  Farm To School curriculum: 18

 FCPS Energy Usage Intensity (energy use/sq² of building area) has been steadily decreasing as schools implement student-driven energy saving habits. However, utility rates have recently increased and there's little end in sight. We can expect a \$725,000 increase in energy costs in 2016 if our usage is the same in 2016 as 2015.

Note: 2012 brought the warmest winter on record, which is why there is a noticeable dip that year, but increased the following year when winter temperatures returned to normal.

 Despite a 40% increase in electricity rates, increased enrollment of 15% and building sq. footage of 16% over the last ten years, our students and staff have kept energy costs at bay through student-driven investigations and projects and through building renovations and facility upgrades.



Connect with Us!

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